

# PATENT ABSTRACTS OF JAPAN

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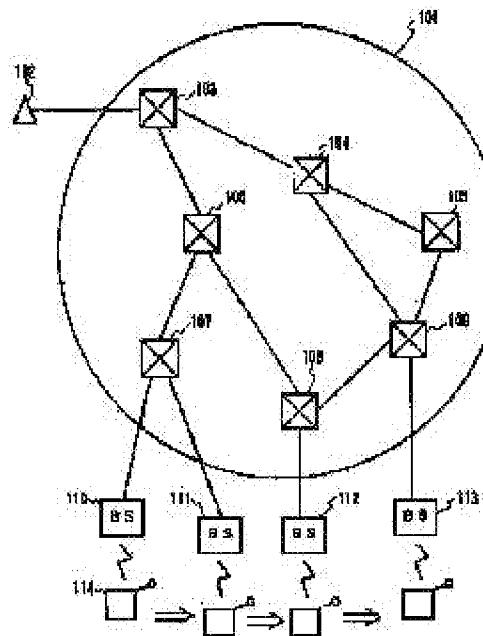
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## (54) NETWORK SYSTEM



### (57)Abstract:

**PROBLEM TO BE SOLVED:** To reasonably apply a hands-off function of a mobile terminal to a network of an existing fixed terminal by performing a multi-point tree addition operation of an accepting node, etc., at a moving destination of the mobile terminal as a leaf to a connection, in order to maintain communication when the mobile terminal is performed hand-off.

**SOLUTION:** A mobile terminal 114 starts to communicate with a fixed terminal 102, when it is in an area of a radio base station 110. Later, when the terminal 114 successively moves to areas of radio base stations 111 to 113, and when the terminal 114 is performed hands-off, a node 107 which is a moving destination of the terminal 114 becomes a leaf and changes an internal route to be a multi-point connection. Then a multi-point tree is added from the node 107 to the connection to continue communication. Then, the hands-off function of the terminal 114 is reasonably applied to an existing network.